#5

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Pro Ser Asp Val Gln Pro Pro Gly Asp Pro Phe Gln Val Asn Phe Glu
            260                 265                 270

gaa caa aac aat cct caa ata ctc caa aac tca gtt gtt ttt gga aca   864
Glu Gln Asn Asn Pro Gln Ile Leu Gln Asn Ser Val Val Phe Gly Thr
        275                 280                 285
```

```
tca gcc cag gaa gtg gta aag gaa att cgt ttc aga att gag cag aaa   912
Ser Ala Gln Glu Val Val Lys Glu Ile Arg Phe Arg Ile Glu Gln Lys
    290                 295                 300

aca aca ctg aca gcc agt gca ggt gtt cgg ata tct agt ttt ccc aat   960
Thr Thr Leu Thr Ala Ser Ala Gly Val Arg Ile Ser Ser Phe Pro Asn
305                 310                 315                 320

gaa gag gac agg aaa cac caa caa agg agc att att ggc ttt tta cag   1008
Glu Glu Asp Arg Lys His Gln Gln Arg Ser Ile Ile Gly Phe Leu Gln
                325                 330                 335

gct gga aac caa gcc ctg tca gcc act gag tgt aca tta gag aaa act   1056
Ala Gly Asn Gln Ala Leu Ser Ala Thr Glu Cys Thr Leu Glu Lys Thr
            340                 345                 350

gac aaa gat aag ttt gta aaa cct cta gaa atg tct cat aag aag agt   1104
Asp Lys Asp Lys Phe Val Lys Pro Leu Glu Met Ser His Lys Lys Ser
        355                 360                 365

ttc ttt gat aaa aaa cga tca gaa agg aaa tgg agt cac caa gat aca   1152
Phe Phe Asp Lys Lys Arg Ser Glu Arg Lys Trp Ser His Gln Asp Thr
    370                 375                 380

ttt aaa tgt gaa gcc gtg aat aaa caa agt ttc cag aca tca caa cca   1200
Phe Lys Cys Glu Ala Val Asn Lys Gln Ser Phe Gln Thr Ser Gln Pro
385                 390                 395                 400

ttc caa gtt tta aag aag aag atg aat gag aat ttg gaa ata tca gag   1248
Phe Gln Val Leu Lys Lys Lys Met Asn Glu Asn Leu Glu Ile Ser Glu
                405                 410                 415

aat tca gat gac tgt cag ata ctt acc tgt cct gtt tgc ttt agg gct   1296
Asn Ser Asp Asp Cys Gln Ile Leu Thr Cys Pro Val Cys Phe Arg Ala
            420                 425                 430

caa ggg tgc atc agt ctg gaa gcc ttg aat aaa cat gta gat gaa tgt   1344
Gln Gly Cys Ile Ser Leu Glu Ala Leu Asn Lys His Val Asp Glu Cys
        435                 440                 445

ctt gat gga cct tca atc agt gaa aac ttt aaa atg ttc tcg tgt tca   1392
Leu Asp Gly Pro Ser Ile Ser Glu Asn Phe Lys Met Phe Ser Cys Ser
    450                 455                 460

cat gtt tct gct acc aaa gtt aac aag aaa gaa aat gtt cct gct tct   1440
His Val Ser Ala Thr Lys Val Asn Lys Lys Glu Asn Val Pro Ala Ser
465                 470                 475                 480

tca ctt tgt gag aag caa gat tat gaa gcc cat cca aaa att aaa gaa   1488
Ser Leu Cys Glu Lys Gln Asp Tyr Glu Ala His Pro Lys Ile Lys Glu
                485                 490                 495

ata tct tca gta gat tgt ata gct tta gta gat act ata gat aac tca   1536
Ile Ser Ser Val Asp Cys Ile Ala Leu Val Asp Thr Ile Asp Asn Ser
            500                 505                 510

tct aaa gca gaa agc ata gat gct tta agt aat aag cat agc aag gaa   1584
```

```
Ser Lys Ala Glu Ser Ile Asp Ala Leu Ser Asn Lys His Ser Lys Glu
        515                 520                 525

gaa tgt tct agt ctc cca agc aag tct ttt aat att gaa cac tgt cat   1632
Glu Cys Ser Ser Leu Pro Ser Lys Ser Phe Asn Ile Glu His Cys His
    530                 535                 540

cag aat tct tct tct act gtt tca ttg gaa aac gaa gat gtt gga tca   1680
Gln Asn Ser Ser Ser Thr Val Ser Leu Glu Asn Glu Asp Val Gly Ser
545                 550                 555                 560

ttt aga caa gaa tac cgc cag cct tac tta tgt gaa gtg aaa aca ggc   1728
Phe Arg Gln Glu Tyr Arg Gln Pro Tyr Leu Cys Glu Val Lys Thr Gly
                565                 570                 575

caa gct cta gtt tgt cct gtt tgt aac gta gaa caa aag act tca gat   1776
Gln Ala Leu Val Cys Pro Val Cys Asn Val Glu Gln Lys Thr Ser Asp
            580                 585                 590

cta acc ctg ttc aat gtg cat gtg gat gtt tgc tta aat aaa agt ttt   1824
Leu Thr Leu Phe Asn Val His Val Asp Val Cys Leu Asn Lys Ser Phe
        595                 600                 605

atc caa gaa tta aga aag gat aaa ttt aac cca gtt aat caa ccc aaa   1872
Ile Gln Glu Leu Arg Lys Asp Lys Phe Asn Pro Val Asn Gln Pro Lys
    610                 615                 620

gaa agc tcc aga agt act ggt agc tca agt gga gta cag aag gct gta   1920
Glu Ser Ser Arg Ser Thr Gly Ser Ser Ser Gly Val Gln Lys Ala Val
625                 630                 635                 640

aca aga aca aaa agg cca gga ttg atg aca aag tac tca aca tca aag   1968
Thr Arg Thr Lys Arg Pro Gly Leu Met Thr Lys Tyr Ser Thr Ser Lys
                645                 650                 655

aaa ata aaa cca aac aat ccc aaa cat acc ctt gat ata ttt ttt aag   2016
Lys Ile Lys Pro Asn Asn Pro Lys His Thr Leu Asp Ile Phe Phe Lys
            660                 665                 670

taagtcgacc                                                      2026
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<210> 31
<211> 672
<212> PRT
<213> Homo sapiens

<400> 31

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Met Asp Ser Thr Lys Glu Lys Cys Asp Ser Tyr Lys Asp Asp Leu Leu
  1               5                  10                  15

Leu Arg Met Gly Leu Asn Asp Asn Lys Ala Gly Met Glu Gly Leu Asp
             20                  25                  30

Lys Glu Lys Ile Asn Lys Ile Ile Met Glu Ala Thr Lys Gly Ser Arg
         35                  40                  45
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```
Phe Tyr Gly Asn Glu Leu Lys Lys Glu Lys Gln Val Asn Gln Arg Ile
     50                  55                  60

Glu Asn Met Met Gln Gln Lys Ala Gln Ile Thr Ser Gln Gln Leu Arg
 65                  70                  75                  80

Lys Ala Gln Leu Gln Val Asp Arg Phe Ala Met Glu Leu Glu Gln Ser
                 85                  90                  95

Arg Asn Leu Ser Asn Thr Ile Val His Ile Asp Met Asp Ala Phe Tyr
            100                 105                 110

Ala Ala Val Glu Met Arg Asp Asn Pro Glu Leu Lys Asp Lys Pro Ile
        115                 120                 125

Ala Val Gly Ser Met Ser Met Leu Ser Thr Ser Asn Tyr His Ala Arg
    130                 135                 140

Arg Phe Gly Val Arg Ala Ala Met Pro Gly Phe Ile Ala Lys Arg Leu
145                 150                 155                 160

Cys Pro Gln Leu Ile Ile Val Pro Pro Asn Phe Asp Lys Tyr Arg Ala
                165                 170                 175

Val Ser Lys Glu Val Lys Glu Ile Leu Ala Asp Tyr Asp Pro Asn Phe
            180                 185                 190

Met Ala Met Ser Leu Asp Glu Ala Tyr Leu Asn Ile Thr Lys His Leu
        195                 200                 205

Glu Glu Arg Gln Asn Trp Pro Glu Asp Lys Arg Arg Tyr Phe Ile Lys
    210                 215                 220

Met Gly Ser Ser Val Glu Asn Asp Asn Pro Gly Lys Glu Val Asn Lys
225                 230                 235                 240

Leu Ser Glu His Glu Arg Ser Ile Ser Pro Leu Leu Phe Glu Glu Ser
                245                 250                 255

Pro Ser Asp Val Gln Pro Pro Gly Asp Pro Phe Gln Val Asn Phe Glu
            260                 265                 270

Glu Gln Asn Asn Pro Gln Ile Leu Gln Asn Ser Val Val Phe Gly Thr
        275                 280                 285

Ser Ala Gln Glu Val Val Lys Glu Ile Arg Phe Arg Ile Glu Gln Lys
    290                 295                 300

Thr Thr Leu Thr Ala Ser Ala Gly Val Arg Ile Ser Ser Phe Pro Asn
305                 310                 315                 320

Glu Glu Asp Arg Lys His Gln Gln Arg Ser Ile Ile Gly Phe Leu Gln
                325                 330                 335

Ala Gly Asn Gln Ala Leu Ser Ala Thr Glu Cys Thr Leu Glu Lys Thr
            340                 345                 350
```

Asp Lys Asp Lys Phe Val Lys Pro Leu Glu Met Ser His Lys Lys Ser
355 360 365

Phe Phe Asp Lys Lys Arg Ser Glu Arg Lys Trp Ser His Gln Asp Thr
370 375 380

Phe Lys Cys Glu Ala Val Asn Lys Gln Ser Phe Gln Thr Ser Gln Pro
385 390 395 400

Phe Gln Val Leu Lys Lys Lys Met Asn Glu Asn Leu Glu Ile Ser Glu
405 410 415

Asn Ser Asp Asp Cys Gln Ile Leu Thr Cys Pro Val Cys Phe Arg Ala
420 425 430

Gln Gly Cys Ile Ser Leu Glu Ala Leu Asn Lys His Val Asp Glu Cys
435 440 445

Leu Asp Gly Pro Ser Ile Ser Glu Asn Phe Lys Met Phe Ser Cys Ser
450 455 460

His Val Ser Ala Thr Lys Val Asn Lys Lys Glu Asn Val Pro Ala Ser
465 470 475 480

Ser Leu Cys Glu Lys Gln Asp Tyr Glu Ala His Pro Lys Ile Lys Glu
485 490 495

Ile Ser Ser Val Asp Cys Ile Ala Leu Val Asp Thr Ile Asp Asn Ser
500 505 510

Ser Lys Ala Glu Ser Ile Asp Ala Leu Ser Asn Lys His Ser Lys Glu
515 520 525

Glu Cys Ser Ser Leu Pro Ser Lys Ser Phe Asn Ile Glu His Cys His
530 535 540

Gln Asn Ser Ser Ser Thr Val Ser Leu Glu Asn Glu Asp Val Gly Ser
545 550 555 560

Phe Arg Gln Glu Tyr Arg Gln Pro Tyr Leu Cys Glu Val Lys Thr Gly
565 570 575

Gln Ala Leu Val Cys Pro Val Cys Asn Val Glu Gln Lys Thr Ser Asp
580 585 590

Leu Thr Leu Phe Asn Val His Val Asp Val Cys Leu Asn Lys Ser Phe
595 600 605

Ile Gln Glu Leu Arg Lys Asp Lys Phe Asn Pro Val Asn Gln Pro Lys
610 615 620

Glu Ser Ser Arg Ser Thr Gly Ser Ser Ser Gly Val Gln Lys Ala Val
625 630 635 640

Thr Arg Thr Lys Arg Pro Gly Leu Met Thr Lys Tyr Ser Thr Ser Lys
645 650 655

Lys Ile Lys Pro Asn Asn Pro Lys His Thr Leu Asp Ile Phe Phe Lys
660 665 670

<210> 32
<211> 1335
<212> DNA
<213> Homo sapiens

<400> 32
tgagagagct ttccgctgaa gatgacgggc ctgctttcca gggcggcttg tcgaaagccc 60

gggagcatct ggccgcttcc gcctcaacca tgggctgggg ttttgtgagc tactagtgcc 120

aagggttttc tttccaccag accaccgctg taaatctcga gggtcttact cattagaagt 180

tagaattcac atttgacgtt taaaggaaga atttccttag taccttctca caagcacgca 240

cttcgcattt ttagatttct agagtttgct ttgtagaaag taattttgag gttgtcagag 300

aataaatgac gttagaaagg tttttaaagt aaaacaagaa tgtgagatga tagcctggga 360

ttttctcttg gttgtaaatg aatatcttac tgagaaccac gttaaccatg cctgcccctc 420

aaagatagga aaggttggat atatagaaac tttctcgtat tagaaatacc gaagtgcagt 480

ggttttgtgt gtacaaggga ttaggcaata ggaggctatt tttgttttaa gactagggtt 540

gaattagcag aaagaccaat agaagatcta acaactcttg tcagttgtca aggataactt 600

tgattatgag actttgactt tgtagcttca gtaatttcct ctcgttagct attttaatat 660

agtcgatttc cttgtaattg ccaagagtaa aatttgttat taaaccttag aaagagtact 720

ttcttactac aaggatggga cgataggagc gaaatttcga gtctaaggga aaacgctggc 780

cgagtgtggt ggctcacgcc tgtaatccca gcacttcggg aggccgaggt gggtggatca 840

cctgaggccg ggagtttgag accagcctgg gcaacaagat ttttcttcat ccctttactt 900

tgagtctgtg gatgtcattg catgtgatat gggtctcctg aagacagcat accattggat 960

tttgcttctt tatccaagtt atcattctgt cttttaattg gggtgtgcat tcaagataag 1020

tttataccat ggatagcaca aaggagaagt gtgacagtta caaagatgat cttctgctta 1080

ggatgggact taatgataat aaagcaggaa tggaaggatt agataaagag aaaattaaca 1140

aaattataat ggaagccacg aaggggtcca gattttatgg aaatgagctc aagaaagaaa 1200

agcaagtcaa ccaacgaatt gaaaatatga tgcaacaaaa agctcaaatc accagccaac 1260

agctaagaaa agcacaatta caggttgaca gatttgcaat ggaattagaa caaagccgaa 1320

atttgagcaa tacca 1335

<210> 33
<211> 105
<212> DNA
<213> Mus musculus

<400> 33
gggagcgtcg cgagccgccg ggaggggccc ggggcggggt ggagggagga tgggaggacg 60

gaggggaggg agctgagaga ggagggaggg taaatagtgg acccg 105

<210> 34
<211> 105
<212> DNA
<213> Mus musculus

<400> 34
cgggtccact atttaccctc cctcctctct cagctccctc ccctccgtcc tcccatcctc 60

cctccacccc gccccgggcc cctcccggcg gctcgcgacg ctccc 105

<210> 35
<211> 140
<212> DNA
<213> Homo sapiens

<400> 35
ccctgcttat atagatgacc ccctccccga gactctgaca gacccaggtc acaggcagtc 60

ctcacctgct cctgacaccc ccggcccctc agtgctgctc tctctagcca ccgagctgaa 120

gtactgagga gcccctacct 140

<210> 36
<211> 140
<212> DNA
<213> Homo sapiens

<400> 36
aggtaggggc tcctcagtac ttcagctcgg tggctagaga gagcagcact gaggggccgg 60

gggtgtcagg agcaggtgag gactgcctgt gacctgggtc tgtcagagtc tcggggaggg 120

ggtcatctat ataagcaggg 140

<210> 37
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-GPBP-6c

<400> 37
ctcgctcgcc cagggaagga aaagggaaaa gaaggga 37

<210> 38
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-GPBP-14c

<400> 38
ctgcctggcc cactatttac c 21

<210> 39
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-GPBP-18m

<400> 39
ggcatggtta acgtggttct c 21

<210> 40
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-XbaG/Bpro1m

<400> 40
gactctagag ggttcgggag gaggatcccg 30

<210> 41
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-XbaG/Bpro1c

<400> 41
gactctagac tggcccacta tttaccctcc 30

<210> 42
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-SP1Del

<400> 42
cgccgggagg gggacgtagt gggggagaat 30

<210> 43
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-TATADel

<400> 43
caggggaggg gaggggtggg ccagtctaga 30

<210> 44
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-DIN2c

<400> 44
ggattattgc acttgccttc ac 22

<210> 45
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-DIN5'm

<400> 45
aaaggatcca tggatagcac aaaggag 27

<210> 46
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-DIN-THc

<400> 46
aaaaaagtcg acttacttaa aaaatatatc aagggt 36

<210> 47
<211> 21

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-DINB1-R2

<400> 47
tggtattgct caaatttcgg c 21

<210> 48
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-GPBP-39c

<400> 48
tgagagagct ttccgctg 18

<210> 49
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-LMPTAP1m

<400> 49
atgtctagat gtgtagggca gatctgccc 29

<210> 50
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-LMPTAP1c

<400> 50
atgtctagac tggtgcccaa ttttctcca 29

<210> 51
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-HSP1m

<400> 51
atgtctagat aagccggccg gagagggct 29

<210> 52
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-HSP1c

<400> 52
atgtctagac gcggcaccgc gtgtgcagg 29

<210> 53
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-SA3A4m

<400> 53
gactctagag ggttaaggag gtgatgctcc c 31

<210> 54
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-SA3A4c

<400> 54
gactctagat ggccactccc tccaccctgc gc 32

<210> 55
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-INGA3A4m

<400> 55
gactctagac acccaggctt tttggttgtg gc 32

<210> 56
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-INGA3A4c

<400> 56
gactctagaa agcggggcct cccgcagacg c 31

<210> 57
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-S2A3A4m

<400> 57
atgtctagat aggcactgga caagccccc 29

<210> 58
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-S2A3A4c

<400> 58
atgtctagag ggctagtggc gaggctgag 29

<210> 59
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-IDH-F1

<400> 59
cacagagggc gagtacagca 20

<210> 60
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-IDH-R1

<400> 60
tgatcttcag gctctccacc a 21

<210> 61
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-TRAPD-F1

<400> 61
gggtccagaa catggctctc 20

<210> 62
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-TRAPD-R1

<400> 62
acatcctggc ctcgagtgac 20

<210> 63
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-LMP2-F2

<400> 63
gcagcatata agccaggcat g 21

<210> 64
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-LMP2-R2

<400> 64
tggccagagc aatagcgtct 20

<210> 65
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-TAP1-F2

<400> 65
gccgcctcac tgactggat 19

<210> 66
<211> 21

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-TAP1-R2

<400> 66
tcgagtgaag gtatcggctg a 21

<210> 67
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-DHFR-F1

<400> 67
cctgtggagg aggaggtgg 19

<210> 68
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-DHFR-R1

<400> 68
ccgattcttc cagtctacgg g 21

<210> 69
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-MSH3-F1

<400> 69
tgggtaaagg ttggaagcac a 21

<210> 70
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-MSH3-R1

<400> 70
aaaaggagag tgaaagcggc t 21

<210> 71
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-HO3-F2

<400> 71
gagctgttgt ccctccgct 19

<210> 72
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-HO3-R2

<400> 72
ggccagataa cgagcaaagg 20

<210> 73
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-HARS-F2

<400> 73
aggtggcgaa actcctgaaa c 21

<210> 74
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-HARS-R2

<400> 74
tgctttcatc aggacccagc 20

<210> 75
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-Hsp10-F1

<400> 75
ggagggagta atggcaggac a 21

<210> 76
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-Hsp10-R1

<400> 76
agcagcactc ctttcaacca a 21

<210> 77
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-Hsp60-F1

<400> 77
gcctttggtc ataatcgctg a 21

<210> 78
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-Hsp60-R1

<400> 78
tgccacaacc tgaagaccaa c 21

<210> 79
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A1-F1

<400> 79
gctctacgtg caaggcaatg a 21

<210> 80
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A1-R1

<400> 80
attgtgctga acttgcgcag 20

<210> 81
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A2-F1

<400> 81
gaaaagggtg acgtagggca 20

<210> 82
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A2-R1

<400> 82
ggtgtctgat ggaatcccgt t 21

<210> 83
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-GP-F1

<400> 83
ggagacagtg gatcacctgc a 21

<210> 84
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-GP-R1

<400> 84
tgctgtggtt tgactgtgtc g 21

<210> 85
<211> 21

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A4-F1

<400> 85
cttgccttcc cgtatttagc a 21

<210> 86
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A4-R1

<400> 86
ggatctgtcg tttctctggg c 21

<210> 87
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A5-F1

<400> 87
catcgaatgt catgggaggg 20

<210> 88
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A5-R1

<400> 88
agttgccagc caaaagctgt a 21

<210> 89
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A6-F1

<400> 89
tttgggctag actaccggac a 21

<210> 90
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-COL4A6-R1

<400> 90
tctctatgga cccgagggct 20

<210> 91
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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<400> 91
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<210> 92
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer ON-GPBP-R1

<400> 92
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<210> 93
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<220>
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<210> 94
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<220>
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<210> 95
<211> 19
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<220>
<223> Description of Artificial Sequence: Primer ON-hGAPDH-F1

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<210> 96
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<220>
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<210> 97
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<210> 98
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<220>
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<210> 99
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